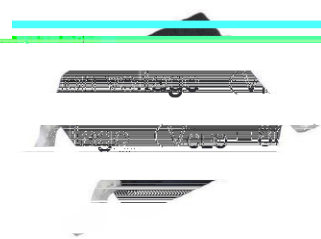


1. Features

- Current transfer ratio(CTR : MIN. 50% at $I_E = 5mA$ $V_{CE} = 5V$ $T_a=25^{\circ}C$)

- ⊕ High input -output isolation voltage ($V_{iso}=3.750Vrms$)

$$\beta_{DC}(\beta_{CE}) \geq 80$$



- In compliance with RoHS, REACH standards

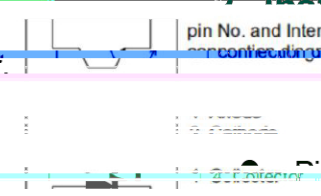
- MSL Class I

2. Description

- ⊕ The OR-357 series device consists of an infrared led, photo transistor detector.

They are encapsulated in a 4 pin SMD encapsulation.

- ⊕ Pin pitch of 0.5mm



3. Applications

- ⊕ Various applications: high density / low induct.

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4. Max Absolute (rated) value (normal temperature) (1)

Symbol	Parameter	Value	Unit
V_{CE}	Collector-emitter voltage	5	V
V_{BE}	Base-emitter voltage	0.7	V
V_{BR}	Reverse voltage	70	V
P_{CE}	Collector and emitter voltage	80	V
P_C	Consume Power	150	mW
P_{tot}		700	mW
P_{iso}		750	mW
t_{pr}		0.1	μs
t_{stg}		0.1	ms
T_{sol}	Soldering temperature	260	°C

